

REPORT

stylish MP3 Player



TREKSTORTM
www.trekstor.de



TREKSTOR DIGITAL AUDIO PLAYER

i.Beat ice User Manual

Greetings

Welcome to the digital world provided by TrekStor

Thank you for purchasing TrekStor i.Beat ice

This user manual is provided to improve customer convenience in using the product.

<http://www.trekstore.de>

Customer inquiries on TrekStor and the product are fully supported if related information is available.

Continuous product improvements are available through firmware and software upgrades.

Register as a customer to receive online service, new product information, firmware upgrades and other matters via email.

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Safety Precautions



Protect the product from high humidity, dirt and dust, and direct sunlight.



Do not try to dismantle, repair, or modify the product.



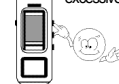
Do not apply excessive force to or place any heavy object on the product.



Do not let the product come into contact with chemicals such as benzene or paint thinner etc.



Avoid places with high or low temperature and high humidity.



Do not press two buttons simultaneously, or use excessive force.



Be aware that if you fall with the player in your pocket it may cause injuries.



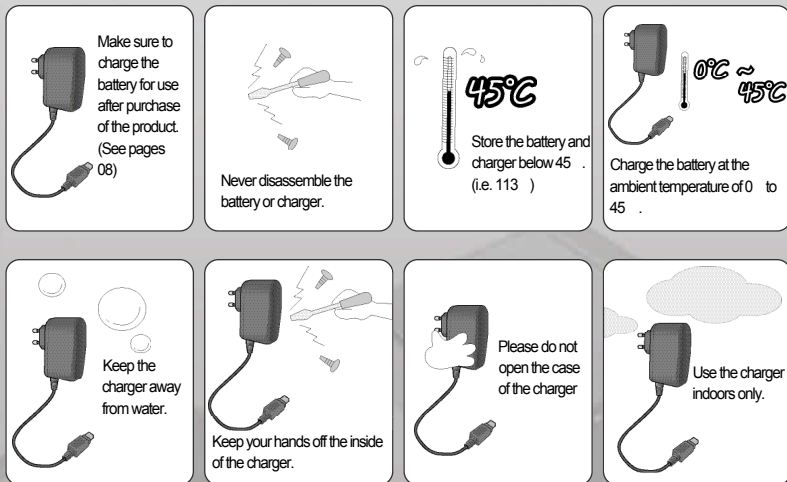
Be aware that the neck strap may break if too much force is applied to the strap, or when exercising vigorously. If this occurs the player may fall and break or cause injuries.



When using the neck strap take care that the strap does not get stuck in doors, elevators, etc.

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Note for Battery and Charger



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Product Characteristics

- Multi-Codect Player
Supports MP3, WMA, ASF (Music files only), ADPCM format digital audio files.
It also supports all bandwidths of MP3 and WMA.
- Firmware Upgrade
Supports continuous functional updates, modification, and upgrades for the player.
- Lyrics Support
Provides a Lyrics download and edit function.
- Supports USB2.0 High Speed
Supports USB 2.0 interface enabling high-speed file transfer.
- 3D Sound Effect
Supports dynamic sound effects and 3D sound through SRS WOW
- Automatic folder search, Playback type function select
Playback list function enables dynamic methods for playing
- Automatic FM frequency detection
- 2 color OLED
- Supports lyrics display and ID3 Tag
- Windows Media Player Plug-in support
- GUI (Graphic User Interface) support
Supports GUI and various functions (sleep, repeat)
- Supports user EQ
- Multilingual support
- Multiple language support (Unicode 2.0 Standard)

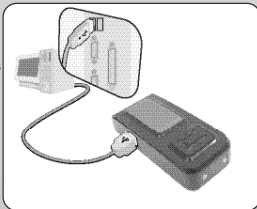
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Charging with a USB Cable

Use a USB cable to connect the i.Beat ice to a PC and leave it connected for 90~120 minutes to completely charge the device. The LED turns on during charging and turns off again when charging is complete.

Make sure to disconnect the device from the PC after charging.



Charging with a USB Adaptor

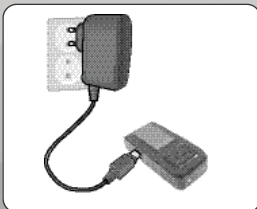
Connect the i.Beat ice to the adaptor and leave it for 90~120 minutes to charge the device completely.

Please disconnect after charging.

* Caution

The Adaptor output must be 5V, 500mA~2A.

Fire, explosion, or leakage may be caused if output differs from the specified values.



Re-chargeable Battery Maintenance (New Information)

- The product has a built-in re-chargeable battery. Keep the product indoors.
- Dismantling the product and damaging the re-chargeable battery, or placing it near a heater may cause an explosion. Allowing any metal to make contact across the battery terminals may cause a short circuit and explosion.
- Charge the device before putting the product away for a long time. Recharge the device fully before re-use.
- Re-chargeable batteries are consumable items, and their usable life shortens with time.
- Keep the product away from children and animals since there is a danger of explosion if mishandled.

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Product Package

List of items included
i.Beat ice Device



Earphones



Installation CD



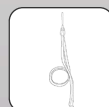
User Manual



USB Cable



Neck Strap

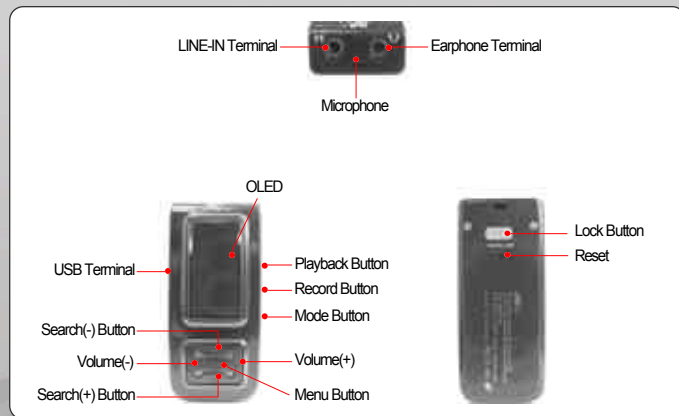


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Device Configuration

1) i.Beat ice Device Configuration



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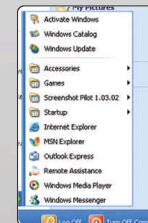
Connecting to a Computer (PC)

Note

Installation of software is required for Windows 98 before using the product with the USB drive. Update Windows when the USB drive does not operate in Windows 98/ME/2000/XP systems.

Windows Update

Click on the [Start]->[Windows Update] to update Windows to the latest version.

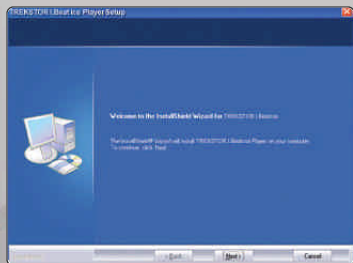
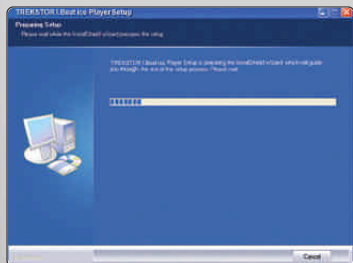


Installing i.Beat ice Software



Insert the installation CD. The TrekStor menu will open. Select "Driver/Tools" and the following screen appears.

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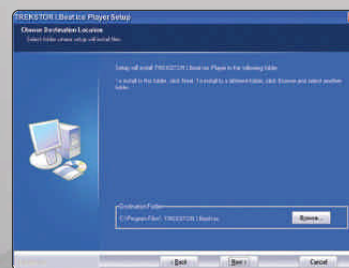


Clicking on the Next button brings up the user terms as shown below.

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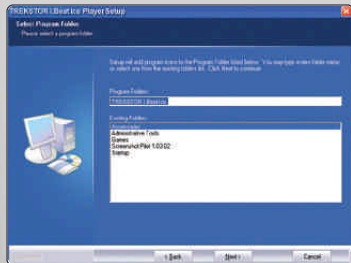


Click on the Yes button if the user terms are acceptable.

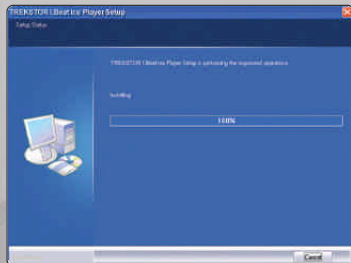


Designate the folder to install the program.
Click on Next.

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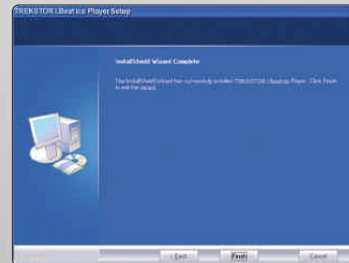


Input the desired program name in the program list. Click on Next.



Please wait while the program installs.

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Click on Finish when installation is complete.

* Caution

The computer has to be re-started after installation. (For Windows 98/ME)

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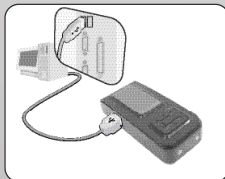
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Connecting to a PC

Minimum PC Requirements

- Pentium 133MHz or above
- Windows 98/ME/2000/XP
- 20MB HDD space or more
- CD-ROM Drive
- USB port

Using USB



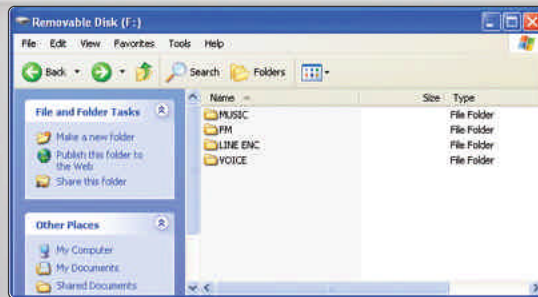
Open the i.Beat ice's protective USB cover and connect the cable.



The i.Beat ice is identified by the PC as a removable disk when connected, and may be used like a floppy disk.

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Use the 'removable disk' like a floppy disk. Maximize the use of the i.Beat ice folder function as shown above by creating a number of folders, and place music files in the desired folders. Note that creating a Data folder and putting data files in this folder may speed up booting time. FM, LINE-IN, and VOICE folders are automatically generated and store FM, Line-IN, and microphone input files respectively.

Removing the i.Beat ice Safely

For Windows ME/2000/XP Users

Select and click on "Remove USB Drive" in the System Tray. A message appears on the screen informing the user that it has been safely removed. Then remove the i.Beat ice.



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For Windows 98 Users

Close all i.Beat ice related windows.

Data is still in transfer if the  blinks on the LCD screen. Remove the SSF-9621/965 when data transfer is complete and the no longer blinks.

Using Windows Media Player

The iBeat ice supports Media Player Plug-in enabling it to directly convert music or download from Media Player.(Applicable for Media Player version 9)

Setting Option

The setting needs to be changed in order to save MP3s etc. in WMA format



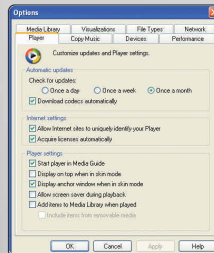
Select the Options menu in Tools.

Connect the iBeat ice to a PC and run Media Player.

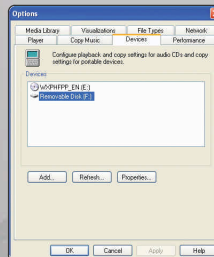


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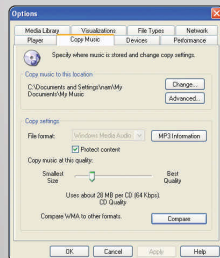
Select the Device tab.



Select Removable Disk and then click on the Properties button.

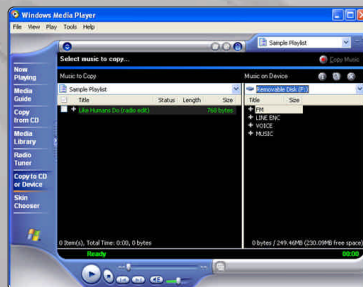
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Change the setting for sound quality to the desired position and click on the OK button.

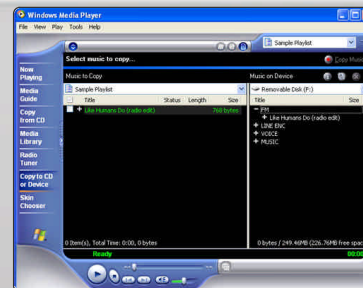
Convert And Save Music
Connect the i.Beat ice to a PC.
Select Copy To Device from the left hand menu in Media Player and change [Items In Device] at the top right to [Removable Disk]



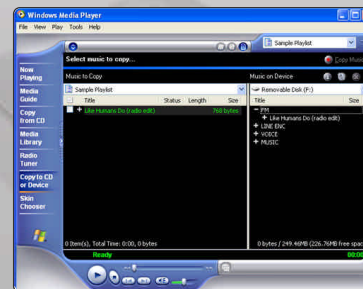
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Add the desired files to the left side 'Items To Copy' and click on the Copy button at the top right.



Safely remove the i.Beat ice when copying is complete.



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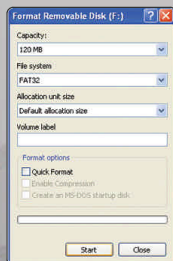
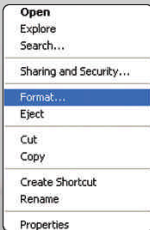
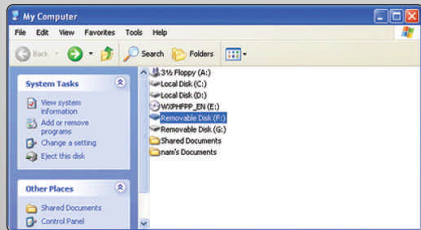
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Formatting the i.Beat ice

Use the following method to delete all the contents of the i.Beat ice.

* Caution

Back-up important data before formatting. Data cannot be recovered after formatting.



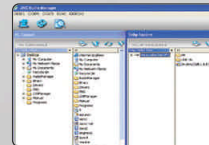
Press [Start(S)] to run Format.

Note - Selecting NTFS for the file system will not operate format accurately.
The type of setting is not required in Windows 98

Using the i.Beat ice

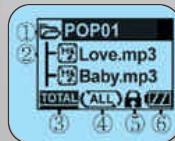
Please bear the following information in mind in order to use the i.Beat ice efficiently.

1. Place non music files in the Data folder.
=> The i.Beat ice searches through all files except for files in the Data folder during booting.
Therefore a large number of files would slow down the booting process.
2. Numbering the songs (entering numbers in front of the song title) enables the user to listen to the songs in order.
=> It is convenient to playback and manage files if song titles are numbered
01, 02, 03, etc. in front of the song title.

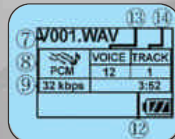


OLED Screen By Each Mode

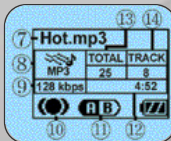
MUSIC Stop Mode



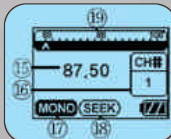
VOICE Playback Mode



MUSIC Playback Mode



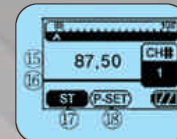
FM SEEK Mode



VOICE Stop Mode



FM PRESET Mode



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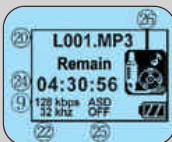
VOICE Record Screen



FM Record Screen



LINE-IN Record Standby Screen



LINE-IN Record Screen



No	Description	No	Description
1	Folder	2	Mp3/WMA/WAV
3	Mode/Playback method	4	Repeat method
5	Button lock	6	Battery method
7	Playing song	8	Mp3/WMA/WAV
9	Beat Rate	10	EQ/SRSWOW
11	Repeat section	12	Playing time
13	Mode/Playback method	14	Current track
15	Current frequency	16	Store channel
17	MONO/STEREO	18	SEEK/PRESET
19	Frequency display	20	Record file
21	Recording time	22	Sample rate
23	Recording icon	24	Remaining recording time
25	ASD	26	LINE-IN icon

Button Description

The i.Beat ice has Stop, Playback, Recording, and FM modes etc. The button functions in each mode are described below.

Music Stop mode

Function	Press once	Press & hold
Button		
Playback button	Playback	Power off
Menu button	Open / close folder	Menu screen
Search (>>) button	Next folder (when available), Next song (when not available)	
Search (<<) button	Previous folder (when available), Previous song (when not available)	
Volume (+) button	Previous song	
Volume (-) button	Next song	
Mode button	Mode screen	Mode screen
Record button	Mark folder/file	

Music Playback mode

Function	Press once	Press & hold
Button		
Playback button	Stop	Power off
Menu button	Menu screen	
Search (>>) button	Next song	Quick search
Search (<<) button	Previous song	Quick search
Volume (+) button	Increase volume	
Volume (-) button	Decrease volume	
Mode button	Set / unset Section Repeat / Mode screen	Mode screen
Record button	EQ/SRS function	

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Voice Stop mode

Function	Press once	Press & hold
Button		
Playback button	Playback	Power off
Menu button	Open / close folder	Menu screen
Search (>>) button	Next folder (when available), Next song (when not available)	
Search (<<) button	Previous folder (when available), Previous song (when not available)	
Volume (+) button	Previous song	
Volume (-) button	Next song	
Mode button	Mode screen	Mode screen
Record button	No function	Start recording

Voice Playback mode

Function	Press once	Press & hold
Button		
Playback button	Stop	Power off
Menu button	Menu screen	
Search (>>) button	Next song	Quick search
Search (<<) button	Previous song	Quick search
Volume (+) button	Increase volume	
Volume (-) button	Decrease volume	
Mode button	Set / unset Section Repeat / Mode screen	Mode screen
Record button	Start recording	Start recording

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FM Seek mode (Displays SEEK below FM)

Function	Press once	Press & hold
Button		
Playback button	Preset mode	Power off
Menu button	Increase stored channel	Menu screen
Search (>>) button	Change frequency	Search next freq.
Search (<<) button	Change frequency	Search next freq.
Volume (+) button	Increase volume	
Volume (-) button	Decrease volume	
Mode button	Mode screen	Mode screen
Record button	Store channel	Start recording

FM Preset mode (Displays P-SET below FM)

Function	Press once	Press & hold
Button		
Playback button	Seek mode	Power off
Menu button	Menu screen	Menu screen
Search (>>) button	Increase stored channel	
Search (<<) button	Decrease stored channel	
Volume (+) button	Increase volume	
Volume (-) button	Decrease volume	
Mode button	Mode screen	Mode screen
Record button	Automatic channel set	Start recording

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LINE-IN mode

Function Button	Press once	Press & hold
Playback button	No function	Power off
Menu button	Menu screen	
Search (>>) button	No function	
Search (<<) button	No function	
Volume (+) button	Increase volume	
Volume (-) button	Decrease volume	
Mode button	Mode screen	Mode screen
Record button	No function	Start recording

During Recording

Function Button	Press once	Press & hold
Playback button	No function	Power off
Menu button	No function	
Search (>>) button	No function	
Search (<<) button	No function	
Volume (+) button	No function	
Volume (-) button	No function	
Mode button	No function	
Record button	No function	Stop

Basic Function

Power on

Press the i.Beat ice's playback button.



Power off

Press the playback button for 3 seconds.



Alter mode (Music/Voice/FM/LINE-IN)

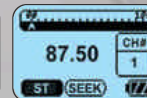
Press and hold the i.Beat ice's mode button. Move the cursor to the desired mode in the mode screen and press the Menu/Mode button to alter modes.



Music mode



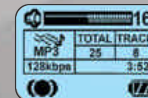
Voice mode



FM mode



LINE-IN mode



Control volume
(Press the volume button.)

Lock function

This function is to prevent operational error due to user mistakes. Displays the icon in the LCD when the lock button is set to the locking position and all buttons are disabled.

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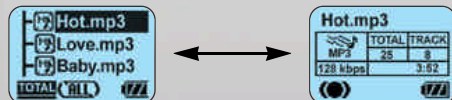
Listen to Music

Search by folder

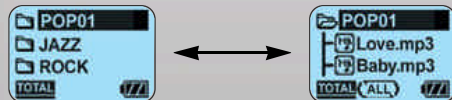
When searching for music files, press the search button to search by folder.

Note - Moves to the next/previous music file when the folder is not available.

Playback/Stop - Press the i.Beat ice's playback button.



Open/close folder - Press the center menu button with the cursor on the desired folder.



Search Current Music

Press and hold the search button to search within the current music.

Holding the button longer increases the searching speed.

Change the Playing Music

Pressing the search button operates as described in the following table.

	Pressing time	Function
Search (<<) button	Before 5 seconds of playing	Plays previous song
	After 5 seconds of playing	Plays current song
Search (>>) button	Anytime	Plays next song

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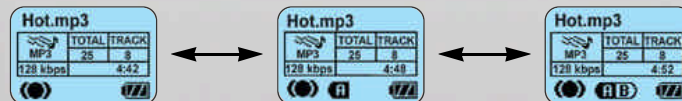
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Section Repeat

Press the mode button. (marked **A**)

Press the mode button. (marked **A/B**)

Press the mode button to stop Section (from A to B) Repeat.



*The Section Repeat function repeats for at least 2 seconds duration.

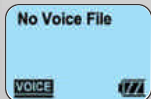
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Switch To VOICE Mode



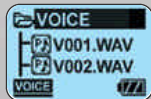
Press and hold the mode button to bring up the mode change screen.
Select VOICE from the screen.



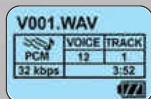
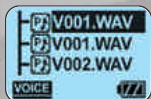
Press and hold the record button in VOICE mode.
*Press the record button again to stop recording.

Playback Recorded Voice

Open a folder by pressing the section menu from VOICE.



Select the desired file using the volume button and press the playback button.



Note

The Playback method select function and SRS functions are not available in VOICE mode.

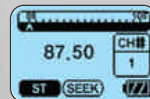
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Switch To FM Mode



Press and hold the mode button to switch modes and listen to radio.



SEEK is displayed at the bottom of the LCD panel in SEEK mode.

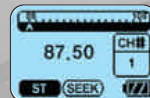
Search Frequency

Pressing the search button moves frequencies by intervals of 100Hz.

Pressing and holding the search button automatically searches for the next available frequency.

* MONO/STEREO displayed at the bottom of the screen is determined automatically according to the signal received.

Storing a Frequency to a Channel



Pressing the menu button moves to the next channel.

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Select the channel to store the frequency and press the mode button to store.
* Automatically becomes P-SET mode after the storing procedure is completed.

Switch to P-SET mode



Pressing the playback button from SEEK mode switches modes to P-SET mode.
* The user can listen to the radio by searching through the stored channels in P-SET mode.

Search Stored Channel

Use the search button to search through the next/previous channels.

Automatic Channel Setting

The Automatic Channel Setting function automatically searches for 16 available frequencies and stores them as channels.



Switch to P-SET mode (Displays **P-SET** at the bottom).

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Pressing the mode button automatically searches and stores 16 channels.
Use the earphones when searching through FM.

Recording FM



Press and hold the record button in FM mode.
* Volume control is disabled during recording.

Playback an FM recorded file



Press and hold the mode button to switch modes to VOICE mode.



Select the desired file within the FM folder for playback.

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Switch To LINE-IN Mode



Press and hold the mode button to switch to LINE-IN mode.



Recording Standby Screen

LINE-IN Recording Screen

Press and hold the record button in LINE-IN mode.
The recorded file is saved under the LINE-IN folder in MUSIC mode.

Menu Setting



Press the menu button to bring up the menu screen.
Pressing the menu button in the menu screen selects the desired menu.
To return from the menu screen, press and hold the menu button or select the Return menu.

Note

It automatically returns to the previous mode when no action is taken for 10 seconds while in the menu screen.
A different menu list is displayed for different modes (MUSIC/VOICE/FMLINE-IN).

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Menu Function Summary

Menu	Function
Playback method select	Select file list for playback
Equalizer	Equalizer setting
SRS Labs WOW	SRS WOW setting
Repeat function	Repeat function setting for music
Sharpness	OLED screen sharpness control
Light setting	OLED 'on' time setting
Button light setting	Button LED 'on' time setting
Record setting	Recording quality/sensitivity/ASD control
Scroll speed	Control the speed of text movement on screen
Power save function	Automatic turning off time when not playing
Sleep function	Automatic turning off after certain period
Delete file	Delete selected file (In stop mode)
Lyric support	Lyrics output setting for songs with lyrics.
Music information	ID3 tag and/or meta data display
Language setting	Menu and instruction language
Registration info.	Displays current status for product
Return	Exit menu screen

Playback Method Select



Function to select playback list.

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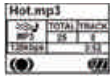
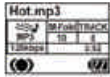
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* The number inside the box represents the number of files to playback

Caution

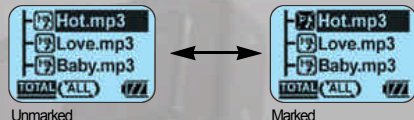
A "No Playback folder/file" message is displayed in M-Fold or M-File modes if the marked file/folder is not available. (Does not playback)

Deleting or adding a file/folder removes markings.

Playback method	Description	Playback screen
	Playback all the music files in the i.Beat ice	
	Playback selected folder only.	
	Playback selected files only.	

Marking a File/Folder

Move the cursor (highlight) to the desired file/folder and press the record button to mark the file or folder.



Use EQ to control and customize sound.



User EQ Setting

The user can control the output level for each frequency bandwidth to customize sound according to taste. The i.Beat ice User EQ divides sound into 5 frequency bandwidths and enables the user to control the level from +10dB ~ -10dB.



Use the menu and search/volume buttons to control setting.

WOW Labs SRS Setting

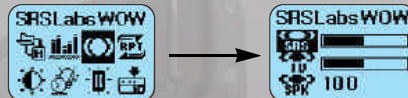
The following menu is available in the menu screen if SRS, TruBs, and WOW is set (displayed at the bottom of the LCD) Adjust the SRS, TruBs, and SPK values to customize the sound.

SRS - Creates a 3D sound effect.

TruBs - Supports low frequency sounds to create deeper sounds.

WOW - Enables both the SRS and TruBs functions to create greater sound quality.

SPK - Adjusts the sound effect depending on the speaker type used.



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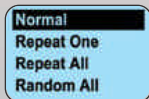
Value By Speaker	
40	Small earphones
60	Normal earphones
100	Small speaker
Above 100	Speaker

Note

SRS is registered to SRS Labs, Inc.
 WOW is registered under license by SRS Labs, Inc.
 EQ does not operate when SRS is active and EQ setting is not possible.
 SRS setting is possible only in music mode when the SRS function is active.

Repeat Function

The Repeat function has the following types: Repeat single song/repeat all/random/random repeat/disable repeat.



	Description
Repeat single song	Continuously repeat the current song
Repeat all	Continuously repeat all the songs in the current track in order.
Random	Randomly select and playback songs from the current track. (Shuffle)
Random repeat	Shuffle and repeat all songs in the current track.
Disable repeat	Playback all songs (in listed order) of the current track once only.

Sharpness

Set OLED screen sharpness.

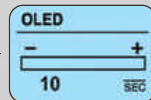


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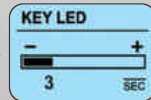
Light setting

Set LCD light' On 'time.



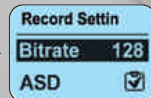
Button light setting

Set LED blink time.



Record setting

Set recording quality (bit-rate)



Note
 ASD is available for LINE-IN only

* Table of record files by bitrate in VOICE, FM, and LINE-IN modes

	WAV(Kbps)	MP3(Kbps)
VOICE	32, 44, 64, 88	96
FM	32, 44, 64, 88	96, 112, 128
LINE-IN		96, 112, 128, 160

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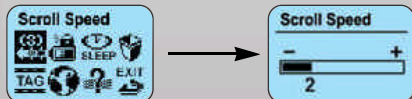
Mode Key

This determines whether Repeat sequence is on or off. When Repeat sequence is active, the mode button is used to set the start and end points on an audio track. The player repeats the selected section of audio track until you press the mode button again.



Scroll speed

Scroll speed control adjusts the speed of text movement on screen.



Power save function

The Power save function turns off the power when the i.Beat ice is not performing any actions.

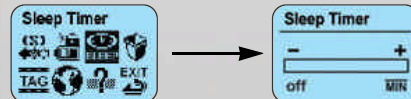


* The device automatically turns itself off if no music is played for the set time duration.

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Sleep function

The Sleep function allows the user to listen to music or the radio for a certain time period, and then turns off the power automatically after the set time.

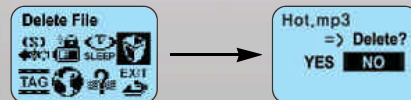


* Automatic power off after set time (minutes).

Delete file

Deletes the selected file.

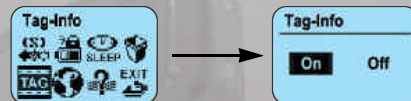
Press the menu button on the desired filename to delete the file.



* Files cannot be deleted during playback.

Music Information

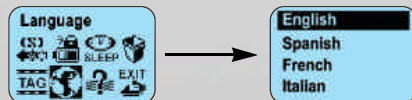
Set whether to show or hide music file information (singer, song title) on screen for the selected MP3/WMA file.



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Language setting
Change menu language.



Registration Info.
Registration information displays the i.Beat ice's product name, firmware version, and memory status.



Return
To exit from the menu screen select the return menu option or press and hold the menu button.



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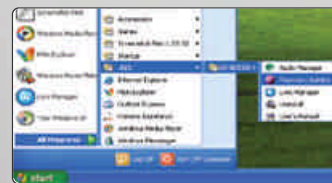
Upgrading Firmware

Perform firmware upgrade when more recent firmware has been released or when the device does not operate normally.

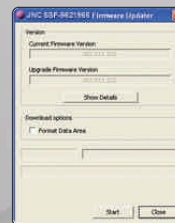
Caution

Disconnecting the i.Beat ice from a PC during firmware upgrade may damage the device.

Check for new firmware in <http://www.trekstor.de>



Connect the i.Beat ice to a PC using a USB extension cable.
Run [Start] -> [Program] -> [TrekStor] -> [i.Beat ice] -> [Firmware Update].



Click on [Start(S)]. Follow the 'Safely Remove the i.Beat ice' section in the manual to disconnect the device after completing firmware update.

Caution

Do not disconnect the i.Beat ice from the PC during the firmware update process. Save important data in the PC before updating the device. Check the current firmware in the start screen of the i.Beat ice or in the registration information.

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Product Specification

Model	i.Beat ice Series (128/256/512/1024MB)
Internal Memory	128MB/256MB/512MB/1GB
Supporting Type	MPEG 1/2/2.5 Layer 3(8~ 320kbps, VBR),
	WMA (5~192kbps)
	ASF (Music files only)
	ADPCM
Battery	Re-chargeable
USB	USB2.0
Continuous playing time	Approx. 16 hours (Volume 15, MP3 128Kbps)
OLED	96 X 64 (4 Line) / OLED
Size	63.8 x 27 x 15.7 mm
Weight	35g
Signal Noise ratio	90dB
Earphone output	10mW + 10mW (16W)
FM freq. bandwidth	87.5~108.0MHz (Korea)
Recording	VOICE / FM /LINE-IN recording support
Language	Multilingual support (Unicode 2.0 standard)
Supporting OS	Windows 98SE / ME / 2000 / XP / MAC*

* Installation program for MAC is not provided.

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Troubleshooting

- Power does not turn on
Reset the player
- Cannot hear any sound
Check current volume.
Check if the earphones are operating normally.
- Does not operate when buttons are pressed
Check the hold switch.
- Displays "No designated file" or "No designated folder" messages when the playback button is pressed and does not perform playback.
Set the menu's [Playback Method Select function] to Total mode.
For details, refer to the playback method select function in the manual
- Cannot detect FM signals.
It is possible that only weak FM signals exist in the current area.
FM operates normally only when using the earphones.
- Booting speed is too slow.
Booting speed becomes slower as the number of files stored in the i.Beat ice increase.
Refer to the 'Prior To Use' section in page 27.
- Cannot search for songs (music) even though stored songs exist.
Check if there are too many folders.
The maximum number of folders is 50 and maximum number of files is 300.
Refer to the 'Prior To Use' section in page 27.

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Usage Cautions

1. Try to avoid using headphones or earphones while driving or when riding a motorcycle. It may lead to accidents.
2. Avoid using headphones/earphones at high volume. It may cause damage to your hearing.
3. Avoid using headphones/earphones while walking. It may lead to accidents.
4. Subjecting the product to shocks, such as dropping it on the floor, may damage the device.
5. The product may be damaged if it comes into contact with water. Do not turn the device on if it has been exposed to water, but apply to us for a service.
6. The product may suffer damage if exposed to direct sunlight or heating devices for a long time.

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